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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/627,365	07/28/2000	Roswell Robert III	SGUS0008-3	3941

7590 01/15/2003

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EXAMINER

VANDERPUYE, KENNETH N

ART UNIT	PAPER NUMBER
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2661

DATE MAILED: 01/15/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

09/627,365

Applicant(s)

ROBERT III ET AL.

Examiner

Kenneth N Vanderpuye

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☐ Responsive to communication(s) filed on \_\_\_\_.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 3, 14, 20-22, 11(renumbered as 3, 13, 19-21, 22 per rule 1.126) is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 20-22 is/are allowed.
- 6) ☒ Claim(s) 3, 13 and 3 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on \_\_\_\_ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

**Priority under 35 U.S.C. §§ 119 and 120**

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892) 4) ☐ Interview Summary (PTO-413) Paper No(s). \_\_\_\_.
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948) 5) ☐ Notice of Informal Patent Application (PTO-152)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) \_\_\_\_ 6) ☐ Other: \_\_\_\_.

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## DETAILED ACTION

### *Claim Objections*

### *Claim Rejections - 35 U.S.C. § 103*

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. Claims 3, <sup>13</sup>~~14~~, ~~22~~ are rejected under 35 U.S.C. 103(a) as being unpatentable over Dillon et al.(6,115,750) in view of Shwed(5,606,668).

With regards to claims 3, 14, Dillon teaches a method comprising the steps of: receiving a stream of entire IP packets(Fig. 15, 150 receives IP packets), encapsulating each of said entire IP packets from said stream within from said stream within data frames with one or more of said entire IP packets with each said frame(Fig. 10, the gateway encapsulates the IP packet with a satellite header and LLC header), modulating said data frames into a radio frequency(inherent feature in the satellite transmitter), uplink transmitting said radio frequency signal to an extra-terrestrial satellite(Fig. 15@175), receiving said radio frequency signal as processed and downlink transmitted from said extra-terrestrial satellite;(Fig. 15@180) demodulating said downlink radio frequency signal into said data frames(fig. 15@ 180 inherent feature in satellite receiver), de-capsulating said data frames to recover said stream of entire IP

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packets with said data frames(Fig. 15@114A, driver), outputting said recovered stream of IP packets to a remote computing device(Fig. 15, IP packets sent to an application server via a slip provider) What Dillon fails to teach, is the step wherein the method includes, after the de-encapsulation step G and before the outputting, the step of address filtering respective addresses in the respective recovered entire IP packets, and wherein the address filtering step includes selectively determining which of said recovered entire IP packets to output during said outputting step. Shwed teaches a packet filter(Fig. 2@204) at a satellite receiving gateway at a remote site, for filtering received packets and deciding whether to accept or reject the packet. It would have been obvious to one of ordinary skill in the art to combine Dillon with Shwed for the purpose of filtering received data. The motivation being to provide network security.

Claim 11(~~now claim 23~~), considered newly added claim , rule 1.126) is rejected because Dillon teaches a request packet(Fig. 16C), which contains a request data field, which is a request command for specific data in the server. This command is automatically executed.

***Allowable Subject Matter***

3. Claims 20-22 (renumbered as 19-21 in the absence of an originally filed claim 11) are allowed.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kenneth Vanderpuye whose telephone number is (703) 308-7828. The examiner can normally be reached on M-F from 6:30am to 4:00pm.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Doug Olms, can be reached on (703) -305-4703. The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9314.



Kenneth Vanderpuye

January 12, 2003